

Form PTO-1595 (Rev. 03-09)
OMB No. 0651-0027 (exp. 03/31/2009)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

- 1. Richard GAUVREAU
- 2. Michael AALDERS
- 3. Kim EDWARDS

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: NORTEL NETWORKS LIMITED

Internal Address: _____

Street Address: 2351 BOULEVARD ALFRED-NOBEL

City: ST. LAURENT

State: QUEBEC

Country: CANADA Zip: H4S 2A9

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) December 19, 2003

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

13/299,997

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: SMART & BIGGAR

Internal Address: 91436-437C2

Street Address: 438 UNIVERSITY AVENUE

City: TORONTO

State: ONTARIO Zip: M5G 2K8

Phone Number: 416 593 5514

Fax Number: 416 591 1690

Email Address: _____

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 19-2548

Authorized User Name RONALD FAGGETTER

9. Signature:

Signature

November 18, 2011

Date

RONALD FAGGETTER (REG. NO. 33,345)
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT

CH \$40.00 192548 13299997

DEC-19-2003 11:06

P. 05

Attorney Docket No. 91436-387
Nortel File No. 16471ROUS01U

**PATENT APPLICATION
ASSIGNMENT**

FOR VALUABLE CONSIDERATION, the receipt of which is hereby acknowledged, I (we) the undersigned, whose full post office address(es) is(are) listed below my (our) name(s), do hereby sell, assign and transfer to:

NORTEL NETWORKS LIMITED

(hereinafter "Nortel"), its successors, assigns and legal representatives, whose full post office address is:

2351 Boulevard Alfred-Nobel
St. Laurent, Quebec
Canada, H4S 2A9

all their right, title, and interest worldwide in and to the invention relating to

HITLESS MANUAL CRYPTOGRAPHIC KEY REFRESH IN SECURE PACKET NETWORKS

as described in an application for letters patent filed concurrently herewith, as well as all rights and privileges including priority rights arising from the aforesaid application and corresponding applications in other countries, all continuations, continuations-in-part, divisionals, renewals, substitutes or reissues thereof, and all the rights and privileges under any and all letters patent that may be granted for said invention.

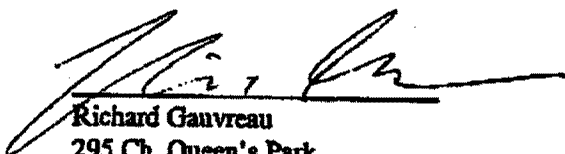
I (We) undertake without charges to Nortel but at its request and expense to execute all documents, take all oaths and do all reasonable acts to enable Nortel, its successors assigns and legal representatives to procure and maintain patent or any other intellectual property protection for said invention in any and all countries and to vest title thereto to Nortel, its successors assigns and legal representatives.

THE UNDERSIGNED hereby authorizes the firm of Smart & Biggar whose full office address is 438 University Avenue, Suite 1500, Box 111, Toronto, Ontario, M5G 2K8, Canada, to correct clerical errors in this Assignment or to insert any further identification or other information necessary or desirable to make this Assignment suitable for recordal in a domestic or foreign Patent Office.

DEC-19-2003 11:06

P.06

Re: Attorney Docket No. 91436-387
Nortel File No. 1647ROUS01U



Richard Gauvreau
295 Ch. Queen's Park
Aylmer, Quebec
Canada
J9J 1V1

Date: Dec 19, 2003



Witness Signature

Sibel Karademir

Witness Name (Print)



Michael Aalders
80 Hobart Crescent
Nepean, Ontario
Canada
K2H 5S5

Date: Dec 19th, 2003



Witness Signature

Sibel Karademir

Witness Name (Print)



Kim Edwards
6105 Creek Crossing St.
Orleans, Ontario
Canada
K1W 1E3

Date: 19 Dec 03



Witness Signature

Sibel Karademir

Witness Name (Print)